

Sensors and probes

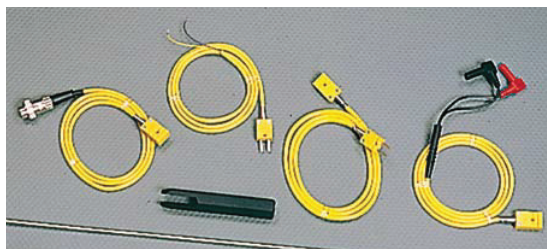


Pt 100Ω temperature sensors

> Pt 100Ω temperature sensors with spiral lead 45 cm to 1 m long

	Type	Description	Measurement range	Response time	Ø	Length
SP 10	Surface sensor with spring	For flat surfaces. The spring ensures optimum contact, even if the sensor is not set up perpendicularly.	-50 °C to +200 °C	6 s	5 mm	Needle 13 cm
SP 11	Needle sensor	For penetration (20 mm minimum) in pasty and viscous products.	-100 °C to +600 °C	7 s	3 mm	Needle 13 cm
SP 12	Air sensor	Suitable for all ambient air measurements (moving air). If the air is "stationary", agitate the sensor.	-100 °C to +600 °C	5 s	5 mm	Needle 13 cm
SP 13	Liquid sensor	Specially designed for liquids.	-100 °C to +600 °C	7 s	3 mm	Needle 13 cm

Class B Pt100 probe accuracy ± 0.3 °C



CK3

CK2

CK1

CK4

Extensions

	Description	Ø	Length
CK 1*	Terminated by male connector / female connector	4 mm	1 m
CK 2*	Terminated by male connector / 2 bare wires	4 mm	1 m
CK 3*	Terminated by 5-pin DIN 5 connector / female socket	4 mm	1 m
CK 4*	Terminated by 2 banana plugs / female socket	4 mm	1 m

*Temperature withstand of extensions: -40 °C to +100 °C

References to order

> SP 10	> P03652712	> CK 1	> P03652909
> SP 11	> P03652713	> CK 2	> P03652910
> SP 12	> P03652714	> CK 3	> P03652913
> SP 13	> P03652715	> CK 4	> P03652914